

# AB-NN267-1

## HIF1 alpha Antibody

Pan-specific monoclonal antibody (ESEE122) for monitoring the expression of mouse HIF1 alpha



**KINEXUS**

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### Target Protein

<b>Name Long:</b>	Hypoxia-inducible factor 1-alpha
<b>Alias:</b>	ARNT interacting protein, HIF1A, Hypoxia inducible factor 1 alpha, MOP1, PASD8
<b>UniProt ID:</b>	Q61221 - Mouse
<b>Human Predicted Mass (KDa):</b>	92.670 (826 AA; D0VY79-1)
<b>Observed SDS-PAGE Mass (KDa):</b>	116

### Immunogen

<b>Antibody Immunogen Source:</b>	Recombinant fragment corresponding to amino acids 329-530
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### Production

<b>Antibody Host Species:</b>	Mouse
<b>Antibody Type:</b>	Monoclonal
<b>Antibody Ig Isotype Clone Lot:</b>	13 IgG1
<b>Antibody Purification:</b>	Protein G purified
<b>Amount:</b>	25 µg
<b>Antibody Concentration:</b>	1 mg/ml
<b>Lot Number:</b>	15DE1
<b>Storage Buffer:</b>	Phosphate buffered saline, pH 7.4, 50% glycerol, 0.09% sodium azide
<b>Storage Conditions and Stability:</b>	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.

### Applications

<b>Product Use:</b>	WB   IHC   ICC/IF   ELISA
<b>Antibody Dilution Recommended:</b>	WB (1:1000), IHC (1:8000), ICC/IF (1:50); optimal dilutions for assays should be determined by the user.
<b>Antibody Species Reactivity:</b>	Human   Mouse   Rat   Bovine
<b>Antibody Positive Control:</b>	1 µg/ml of SMC-184 was sufficient for detection of HIF1α in 20 µg of CoCl <sub>2</sub> -induced Hela cell lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.
<b>Target Detection Immunoblotting:</b>	Detects a ~116 kDa protein. Specific for HIF1Alpha.
<b>Antibody Specificity:</b>	Very High

This product is for in vitro research use only and is not intended for use in humans or animals.

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